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(044)361-05-06
(067)469-02-12
(099)048-99-03
(093)672-77-76

ICQ:495-089-192
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User's Manual

Car amplifier Alpine PDX-M12 1-channel

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ALPINE®

PDX-M12
PDX-M6

MONO POWER AMPLIFIER

- OWNER'S MANUAL
  Please read this manual to maximize your enjoyment of the outstanding performance and feature capabilities of the equipment, then retain the manual for future reference.
- MODE D'EMPLOI
  Veuillez lire ce mode d'emploi pour tirer pleinement profit des excellentes performances et fonctions de cet appareil, et conservez-le pour toute référence future.
- MANUAL DE OPERACION
  Lea este manual, por favor, para disfrutar al máximo de las excepcionales prestaciones y posibilidades funcionales que ofrece el equipo, luego guarde el manual para usarlo como referencia en el futuro.

ALPINE ELECTRONICS MARKETING, INC.
1-1-8 Nishi Gotanda,
Shinagawa-ku,
Tokyo 141-0031, Japan
Phone 03-5496-8231

ALPINE ELECTRONICS OF AMERICA, INC.
19145 Gramercy Place, Torrance,
California 90501, U.S.A.
Phone 1-800-ALPINE-1 (1-800-257-4631)

ALPINE ELECTRONICS OF CANADA, INC.
777 Supertest Road, Toronto,
Ontario M3J 2M9, Canada
Phone 1-800-ALPINE-1 (1-800-257-4631)

ALPINE ELECTRONICS OF AUSTRALIA PTY. LTD.
161-165 Princes Highway, Hallam
Victoria 3803, Australia
Phone 03-8787-1200

ALPINE ELECTRONICS GmbH
Wilhelm-Wagenfeld-Str. 1-3,
80807 München, Germany
Phone 089-32 42 640

ALPINE ELECTRONICS OF U.K. LTD.
Alpine House
Fletchamstead Highway,
Coventry CV4 9TW, U.K.
Phone 0870-33 33 763

ALPINE ELECTRONICS FRANCE S.A.R.L.
(RCS PONTOISE B 338 101 280)
98, Rue de la Belle Etoile,
Z.I. Paris Nord II, B.P. 50016,
95945 Roissy Charles de Gaulle
Cedex, France
Phone 01-48638989

ALPINE ITALIA S.p.A.
Viale C. Colombo 8, 20090
Trezzano Sul Naviglio (MI), Italy
Phone 02-484781

ALPINE ELECTRONICS DE ESPAÑA, S.A.
Portal de Gamarra 36,
Pabellón, 32
01013 Vitoria (Alava) - APDO
133, Spain
Phone 945-283588

ALPINE ELECTRONICS (BENELUX) GmbH
Leuvensesteenweg 510-B6,
1930 Zaventem, Belgium
Phone 02-725-13 15

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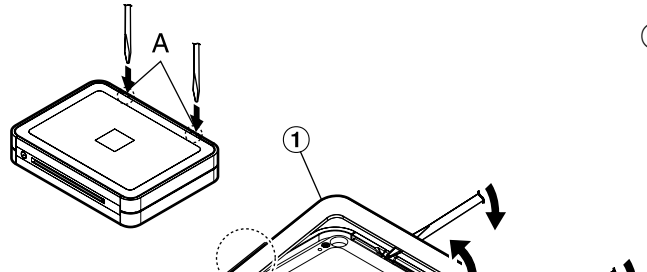

① Top Cover/
Couvercle
supérieur/
Tapa superior

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Introduction:
Please read this OWNER'S MANUAL thoroughly
ALPINE hope that your new PDX-M12/M6 will gi
In case of problems when installing your PDX-M
**CAUTION: These controls are for tuning your
adjustment.**

⚠ **WARNING**	This symbol means importa Failure to heed them can re
⚠ **CAUTION**	This symbol means importa Failure to heed them can re

- **DO NOT OPERATE ANY FUNCTION THAT TA
YOUR VEHICLE.** Any function that requires your
complete stop. Always stop the vehicle in a safe loc
an accident.
- **KEEP THE VOLUME AT A LEVEL WHERE YO**
Excessive volume levels that obscure sounds such a
etc.) can be dangerous and may result in an acciden
CAUSE HEARING DAMAGE.
- **DO NOT DISASSEMBLE OR ALTER.** Doing s
- **USE THIS PRODUCT FOR MOBILE 12V APP**
result in fire, electric shock or other injury.
- **USE THE CORRECT AMPERE RATING WHE**
electric shock.
- **DO NOT BLOCK VENTS OR RADIATOR PAN**
in fire.
- **MAKE THE CORRECT CONNECTIONS.** Failu
damage.
- **USE ONLY IN CARS WITH A 12 VOLT NEGAT**
Failure to do so may result in fire, etc.
- **BEFORE WIRING, DISCONNECT THE CABL**
so may result in electric shock or injury due to
- **DO NOT ALLOW CABLES TO BECOME ENT**
cables in compliance with the manual to prever
hang up on places such as the steering wheel,
- **DO NOT SPLICE INTO ELECTRICAL CABLE**
equipment. Doing so will exceed the current ca
- **DO NOT DAMAGE PIPE OR WIRING WHEN D**
installation, take precautions so as not to conta
wiring. Failure to take such precautions may re
- **DO NOT USE BOLTS OR NUTS IN THE BRA
CONNECTIONS.** Bolts or nuts used for the bra
tanks should NEVER be used for installations
the vehicle and cause fire etc.
- **KEEP SMALL OBJECTS SUCH AS BOLTS C**
them may result in serious injury. If swallowed,

- **HALT USE IMMEDIATELY IF A PROBLEM AR**
to the product. Return it to your authorized Alpi
- **HAVE THE WIRING AND INSTALLATION DO**
special technical skill and experience. To ensur
product to have the work done.
- **USE SPECIFIED ACCESSORY PARTS AND I**
accessory parts. Use of other than designated
the unit in place. This may cause parts to beco
- **ARRANGE THE WIRING SO IT IS NOT CRIM**
cables and wiring away from moving parts (like
crimping and damage to the wiring. If wiring pa
the wire's insulation from being cut by the meta
- **DO NOT INSTALL IN LOCATIONS WITH HIG**
with high incidence of moisture or dust. Moistu
failure.

SERVICE CARE

◆ IMPORTANT NOTICE

This Amplifier has been type tested and found to
comply with the limits for a Class B computing d
accordance with the specifications in Subpart J o
15 of FCC Rules. This equipment generates and
radio frequency energy, and it must be installed a
used properly in accordance with the manufactu
instructions.

◆ For European Customers

Should you have any questions about warranty,
consult your store of purchase.

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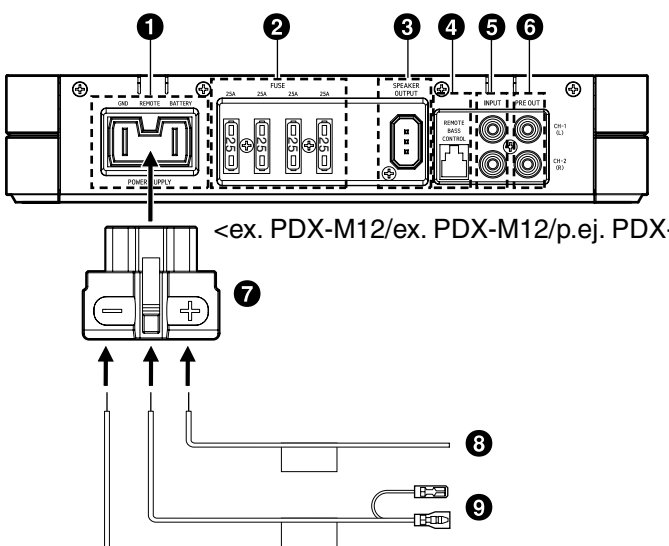


Fig. 5

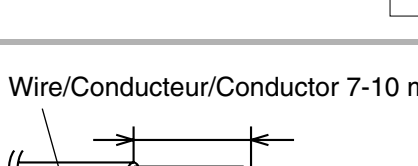
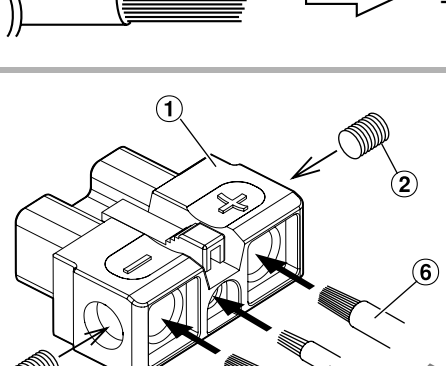
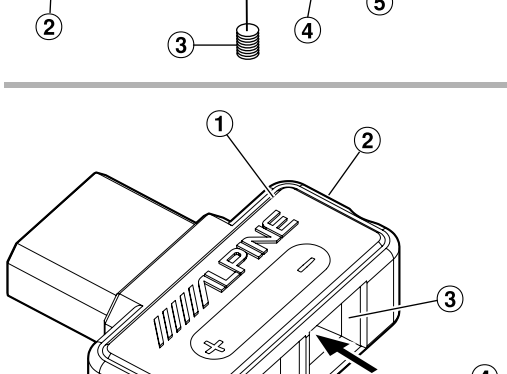


Fig. 6



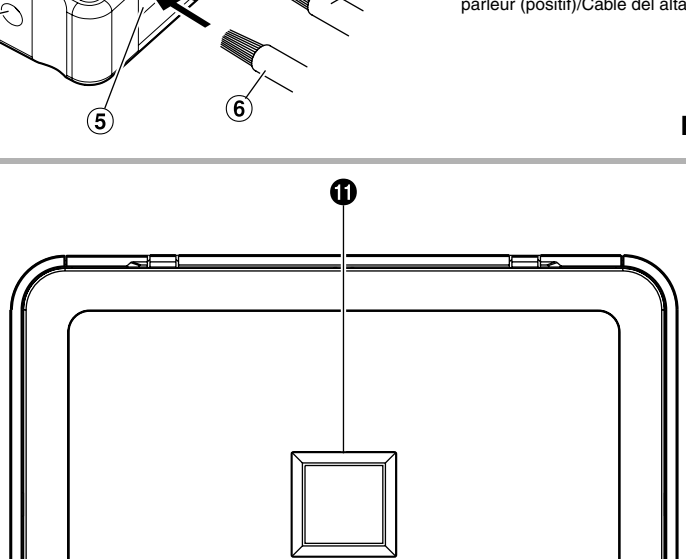
① Battery Connector/Connecteur de la batterie/Conector de batería
② Hexagon screw (Large)/Vis à six pans (grande)/Tornillo hexagonal (grande)
③ Hexagon screw (Small)/Vis à six pans (petite)/Tornillo hexagonal (pequeña)
④ Ground lead/Conducteur de mise à la terre/Cable de tierra
⑤ Remote turn-on lead/Conducteur de mise sous tension télécommandée/Cable para encendido remoto
⑥ Battery lead/Conducteur de la batterie/Cable de la batería

Fig. 7



① Speaker connector/Connecteur du haut-parleur/Conector de altavoces
② Hex screw hole/Orifice de la vis à six pans/Agujero de tornillo hexagonal
③ Negative lead terminal hole/Orifice de la borne du conducteur négatif/Agujero del terminal del conductor negativo
④ Speaker wire (negative)/Câble du haut-parleur (négatif)/Cable del altavoz (negativo)
⑤ Positive lead terminal hole/Orifice de la borne du conducteur positif/Agujero del terminal del conductor positivo
⑥ Speaker wire (positive)/Câble du haut-parleur (positif)/Cable del altavoz (positivo)

Fig. 8



CONNECTIONS (Fig. 5 - Fig. 8)

Before making connections, be sure to turn the power off to audio components. Connect the yellow battery lead from the directly to the positive (+) terminal of the vehicle's battery. D connect this lead to the fuse block.

⚠ **CAUTION**

◆ Caution on connection terminals/part

- Keep electrically conductive objects away from the unit's terminals/parts (power terminals, fuses, speaker output terminals, RCA connectors, etc.). Doing so prevents a p short circuit and damage to the unit.

To prevent external noise from entering the audio syste

- Locate the unit and route the leads at least 10 cm (3-15 away from the car harness.
- Keep the battery power leads as far away from other lea possible.
- Connect the ground lead securely to a bare metal spot (remove any paint or grease if necessary) of the car cha
- If you add an optional noise suppressor, connect it as fa from the unit as possible. Your Alpine dealer carries vari noise suppressors, contact them for further information.
- Your Alpine dealer knows best about noise prevention measures so consult your dealer for further information.

❶ Power Supply Terminal

❷ Fuse
PDX-M12: 25A x 4
PDX-M6: 20A x 4

- USE ONLY THE CORRECT AMPERE RATING WHEN REPLACING FUSES.
  Failure to do so may result in fire or electric shock.

❸ Speaker Output Terminals
Referring to "Cautions on speaker wire connections", insert speaker wire into the speaker connector, which is then inse the speaker output terminal.

Notes:

- *Fully insert the speaker connector to avoid poor connection, wire coming loose due to vehicle vibration, etc.*
- *The speaker connector can be connected either way, regardle polarity indication.*
- *Do not connect speaker leads together or to chassis ground.*

❹ Remote Bass Control (Option)
Connect the Remote Bass Control Unit (sold separately) to the output level of the head unit and the input gain level of t For more details, refer to "⓭ Input Gain Adjustment Control "SWITCH SETTINGS" in the Owner's Manual.

❺ RCA Input Jacks
Connect these jacks to the line out leads on your head unit RCA extension cables (sold separately).

❻ Pre-Out Jacks
These jacks provide a line level output. This is an ideal outp driving a second subwoofer amp. This output is full-range, a not affected by the crossover.

❼ Battery Connector
Make the Battery, Remote Turn-on and Ground lead connec (as shown) to the Battery Connector. Insert Plug to Termina

❽ Battery Lead (Yellow, sold separately)
Be sure to add a a fuse as close as possible to the battery's positive (+) terminal. This fuse will protect your vehicle's ele system in case of a short circuit. Refer to "Cautions on Pow connections."

❾ Remote Turn-On Lead (Blue/White, sold separately)
Connect this lead to the remote turn-on or power antenna (positive trigger, (+) 12V only) lead of your head unit.

❿ Ground Lead (Black, sold separately)
Connect this lead securely to a clean, bare metal spot on th vehicle's chassis. Verify this point to be a true ground by che for continuity between that point and the negative (–) termin vehicle's battery. Ground all your audio components to the s point on the chassis to prevent ground loops. Refer to "Caut Power Wire connections."

SWITCH SETTINGS (Fig. 9)

When making adjustments 12-15 below, remove the hexago screw (indicated by ★ in the illustration) using the hexagon (small, supplied), and then open the control cover.

⓫ Power Indicator
Lights up when power is on.
Is off when power is off.

⓬ Input Gain Selector Switch
Set this switch according to the head unit's output level.
Set to the "0.1 -1.0 (V)" position when the output level of the unit is 0.1 -1.0 (V). Set to the "1.0 -8.0 (V)" position when the level of the head unit is 1.0 -8.0 (V).

⓭ Input Gain Adjustment Control
Set the PDX-M12/M6 input gain to the minimum position.
Using a dynamic CD as a source, increase the head unit vo until the output distorts.
Then, reduce the volume 1 step (or until the output is no lon distorted).Now, increase the amplifier gain until the sound fr speakers becomes distorted. Reduce the gain slightly so th is no longer distorted to achieve the optimum gain setting.

Input gain adjustment range varies depending on the setting input gain selector switch (see "⓬ Input Gain Selector Swit

Input Gain Selector Switch setting (V)	Adjustment Range (

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